

Power Curve Measurements, AEP evaluation - DTU Orbit (08/11/2017)

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The purpose of this report is to quantify the production increase on a given turbine with respect to another given turbine. The used methodology is the "side by side" comparison method, provided by the client. This method involves the use of two neighboring turbines and it is based on the assumption that the wind field in front of the tested turbines is statistically the same (i.e. has in average the same mean wind speed conditions in front of both turbines). The method is only used for the evaluation of a relative change in the AEP, not the AEP itself.

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